IN THE CLAIMS

Please amend Claims 1, 7, 9, and 13 as follows in marked-up form:

1. (Currently Amended) A radio communication system, comprising:
a communication channel between a primary station and a secondary station for transmission of information from one of the primary and secondary stations (the transmitting station) to the other station (the receiving station), wherein the transmitting station is adapted to adjust its output power at a plurality of different rates, and the receiving station is adapted to determine, from measurements of a time rate of change of received signal to interference ratio averaged over a predetermined period received from the transmitting station, an ~~appropriate~~ optimum rate of adjustment of the output power of the transmitting station and is adapted to communicate said optimum rate of adjustment to the transmitting station, and the transmitting station is adapted to set the adjustment rate in response to communications from the receiving station for setting the adjustment rate of its output power.

2. (Cancelled)

3. (Previously Presented) A primary station for use in a radio communication system, comprising: a communication channel between the primary station and a secondary station, wherein the primary station is adapted to determine, from measurements of a time rate of change of received signal to interference ratio received from the secondary station, an appropriate rate of adjustment of the output power of the secondary station, selected from one of a plurality of rates of adjustment available to the secondary station, and for communicating said rate of adjustment to the secondary station.

4. (Cancelled).

5. (Previously Presented) A primary station as claimed in claim 3, wherein the time rate of change of received signal to interference ratio is averaged over a predetermined period of time.

6. (Previously Presented) A primary station as claimed in claim 3, wherein communication to the secondary station of required changes in its rate of adjustment of output power is made after the measured signal characteristic has passed a threshold for a predetermined period.

7. (Currently Amended) A primary station as claimed in claim 41, wherein further properties of the received signal are used to verify the rate of change of output power determined from the rate of change of received signal to interference ratio.

8. (Previously Presented) A primary station as claimed in claim 3, wherein means are provided for determining the speed of the secondary station and for adjusting the determined appropriate rate of adjustment of the output power of the secondary station depending in the speed of the secondary station.

9. (Currently Amended) A secondary station for use in a radio communication system, comprising:
-a communication channel between the secondary station and a primary station, wherein the secondary station is adapted to determine, based on measurements of a time rate of change of received signal to interference ratio, an ~~appropriate~~ optimum rate of adjustment of the output power of the primary station, selected from one of a plurality of rates of adjustment available to the primary station, and for communicating said rate of adjustment to the primary station.

10. (Previously Presented) A secondary station as claimed in claim 9,wherein the time rate of change of the received signal to interference ratio is averaged over a predetermined period.

11. (Previously Presented) A secondary station as claimed in claim 9, wherein communication to the primary station of required changes in its rate of adjustment of output power is made after the measured signal characteristic has passed a threshold for a predetermined period.

12. (Previously Presented) A secondary station as claimed in claim 10, wherein further properties of the received signal are used to verify the rate of change of output power determined from the rate of change of received signal to interference ratio.

13. (Currently Amended) A method of operating a radio communication system, comprising:
providing a communication channel between a primary station and a secondary station for transmission of information from one of the primary and secondary stations (the transmitting station) to the other station (the receiving station);
determining at the receiving station, from measurements of a time rate of change of received signal to interference ratio, an ~~appropriate~~ optimum rate of adjustment of the output power of the transmitting station, selected from one of a plurality of rates of adjustment available to the transmitting station; and communicating the determined rate of adjustment to the transmitting station, and in response the transmitting station, setting the adjustment rate of its output power.

14. (Previously Presented) A method as claimed in claim 13, wherein the time rate of change of received signal to interference ratio is averaged over a predetermined period of time.